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FIG. 1A

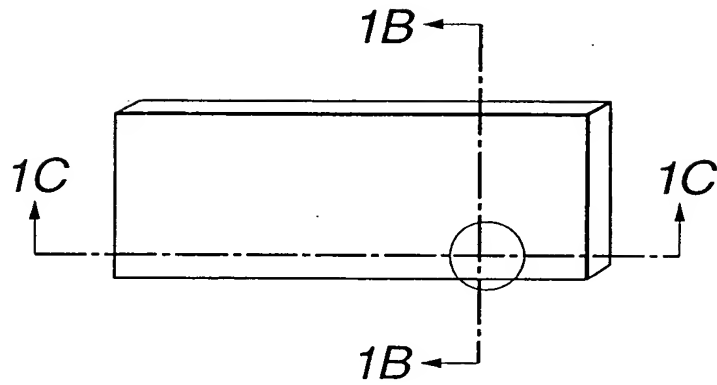


FIG. 1B

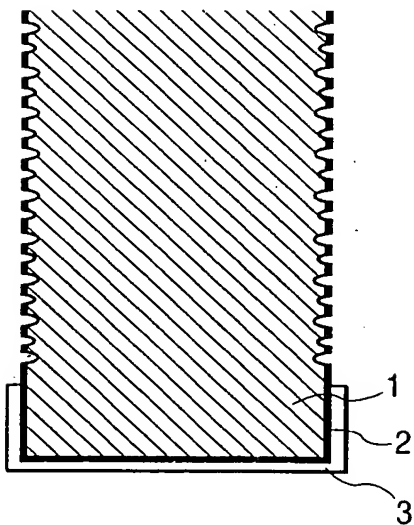


FIG. 1C

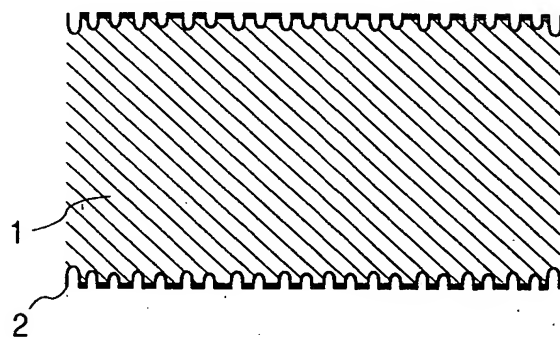


FIG. 2

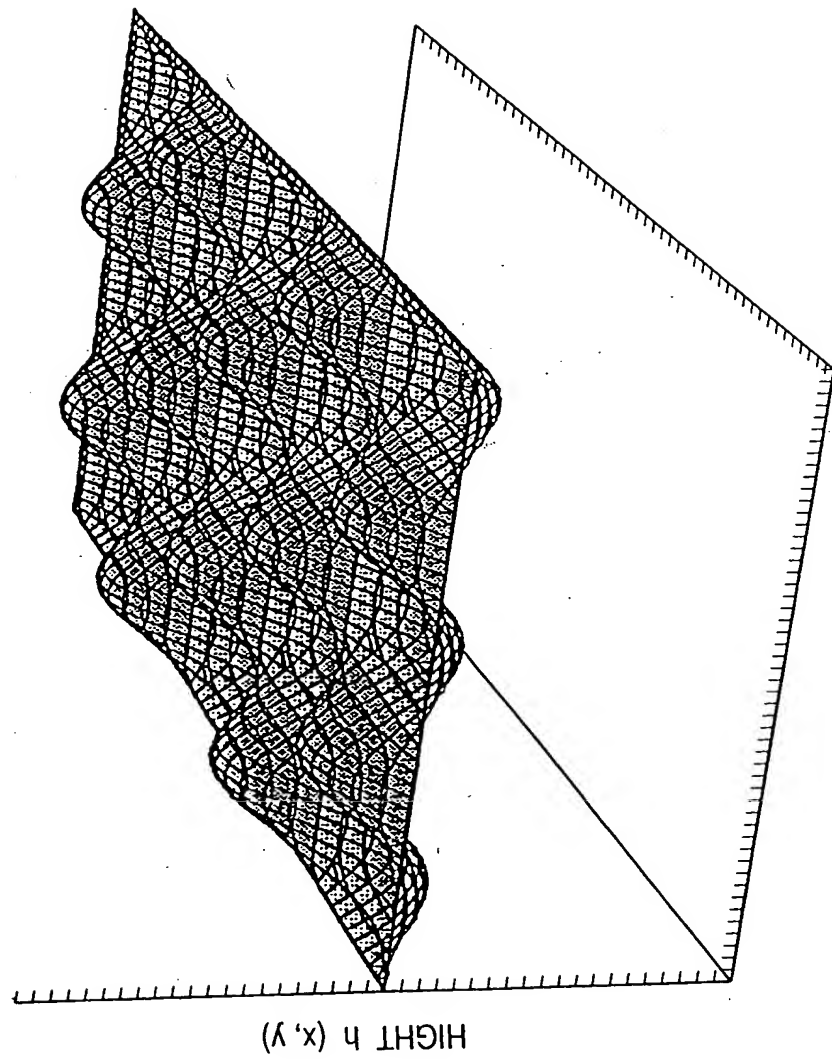


FIG. 3

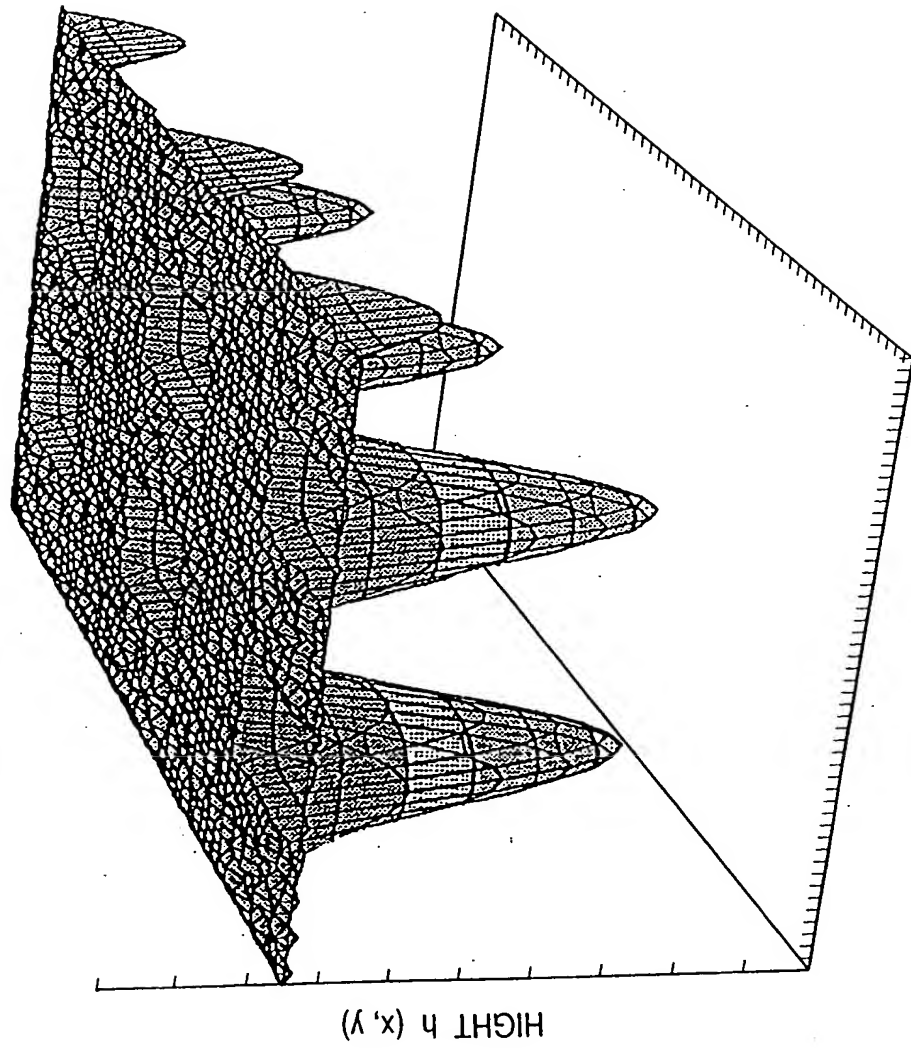


FIG. 4

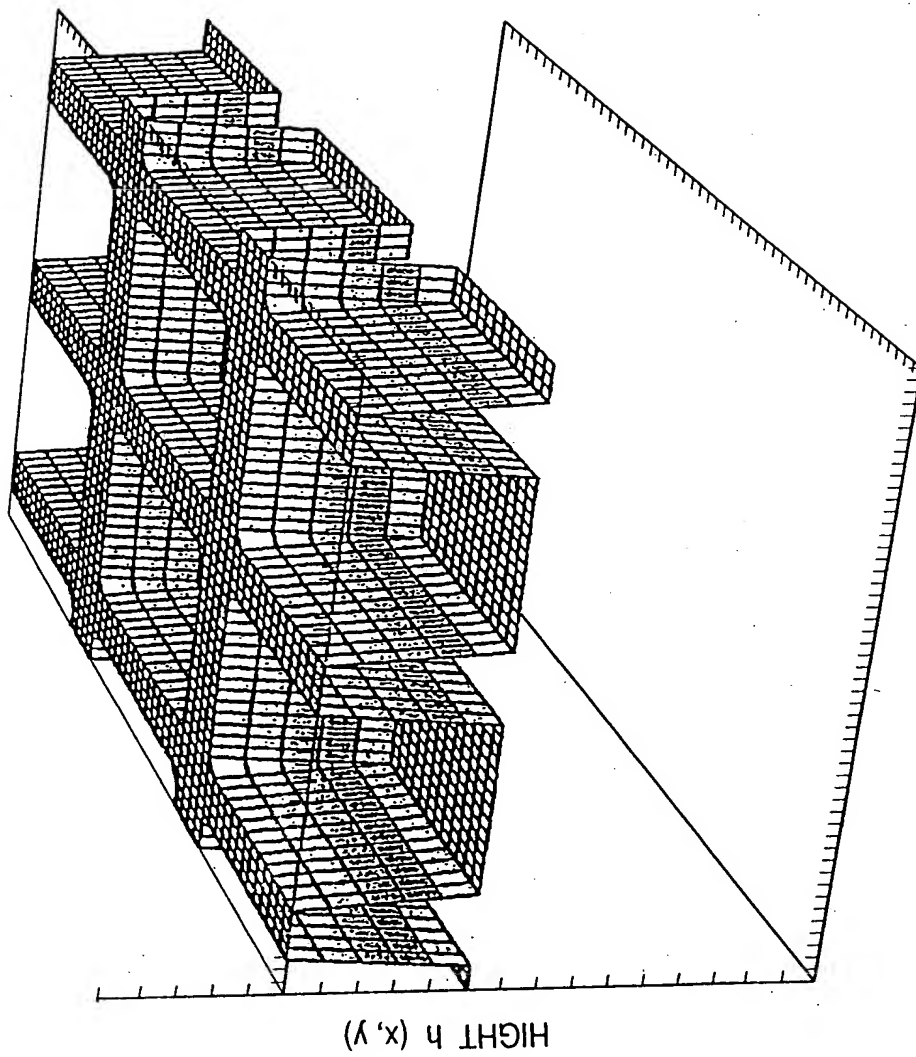


FIG. 5

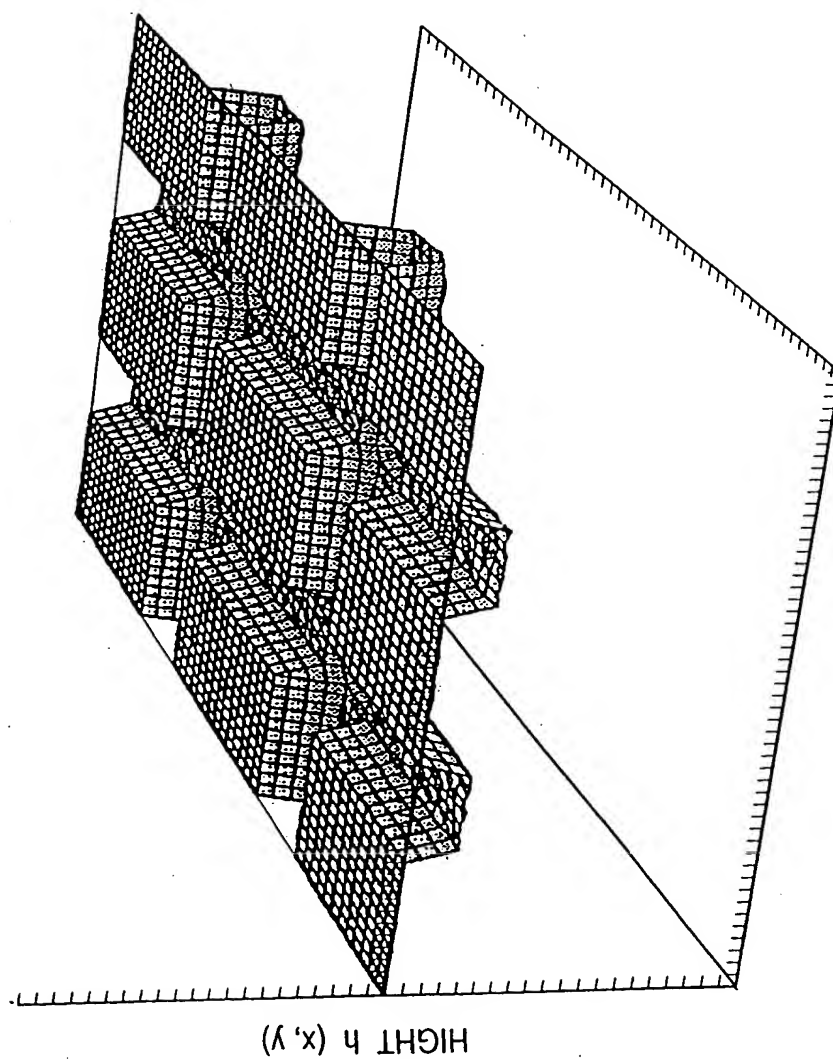


FIG. 6

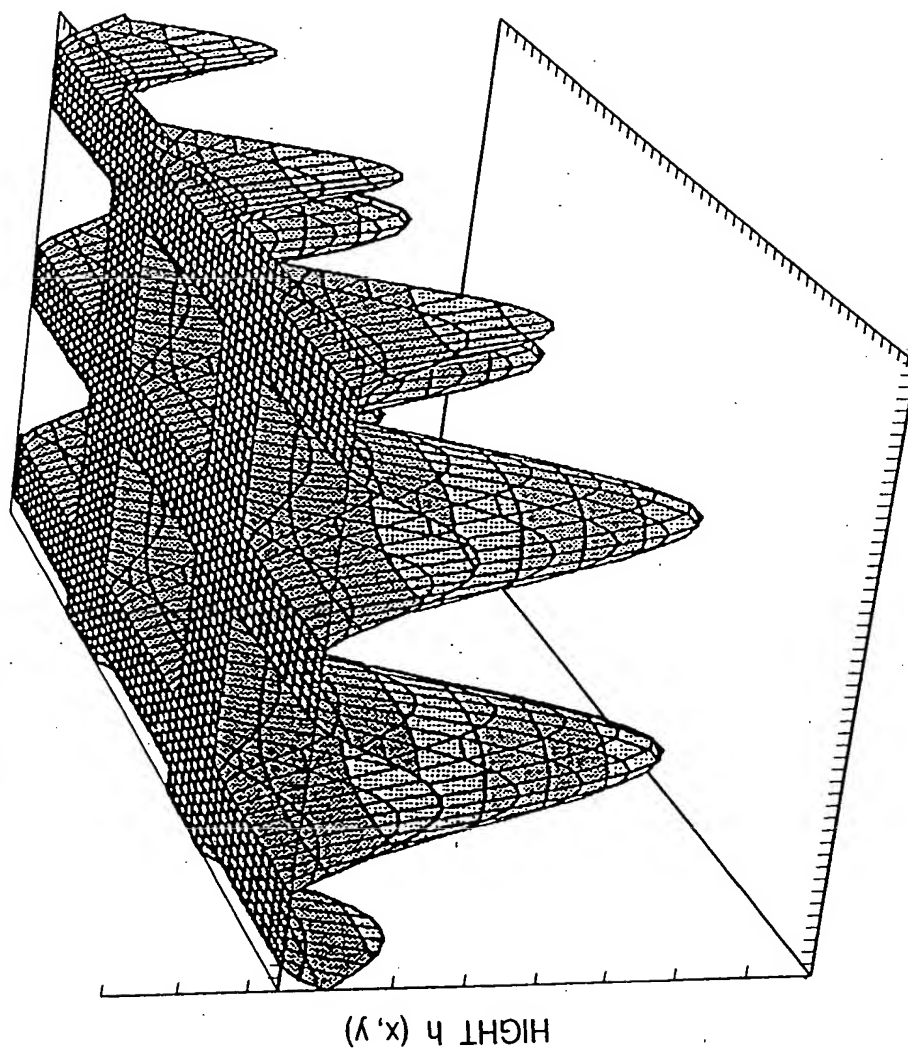


FIG. 7

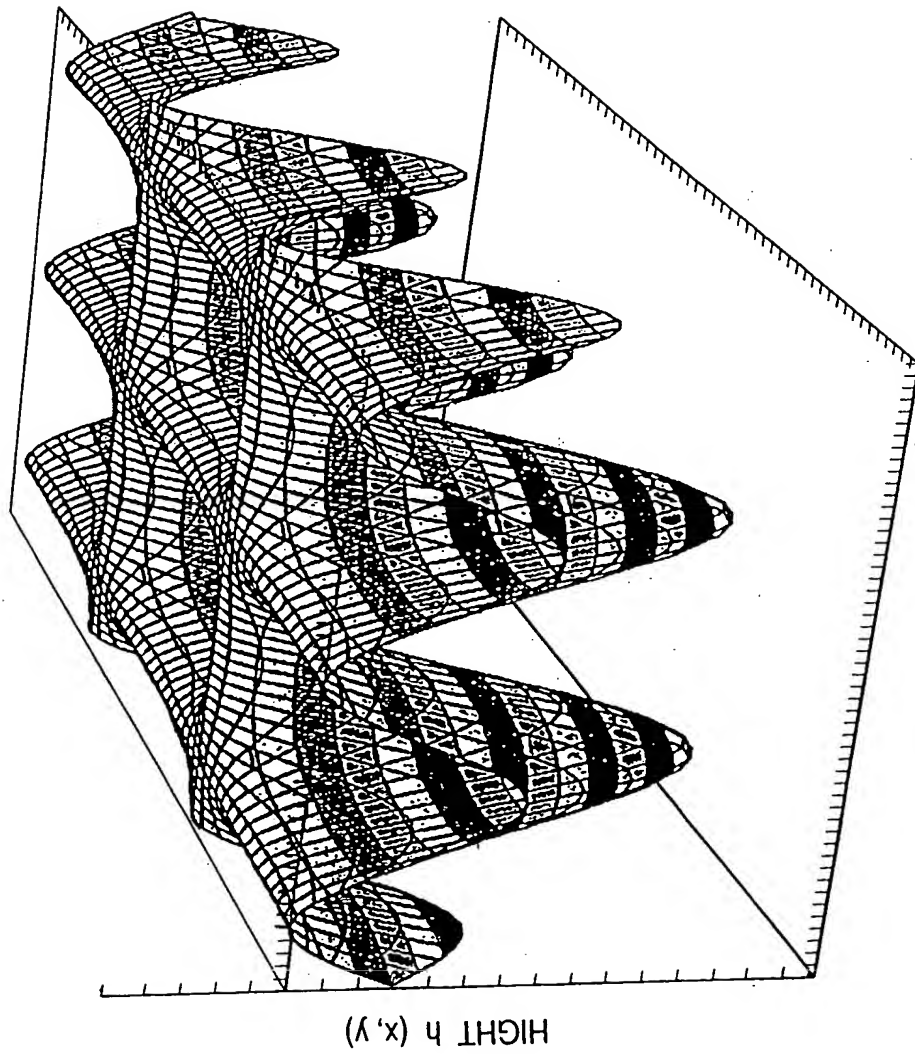
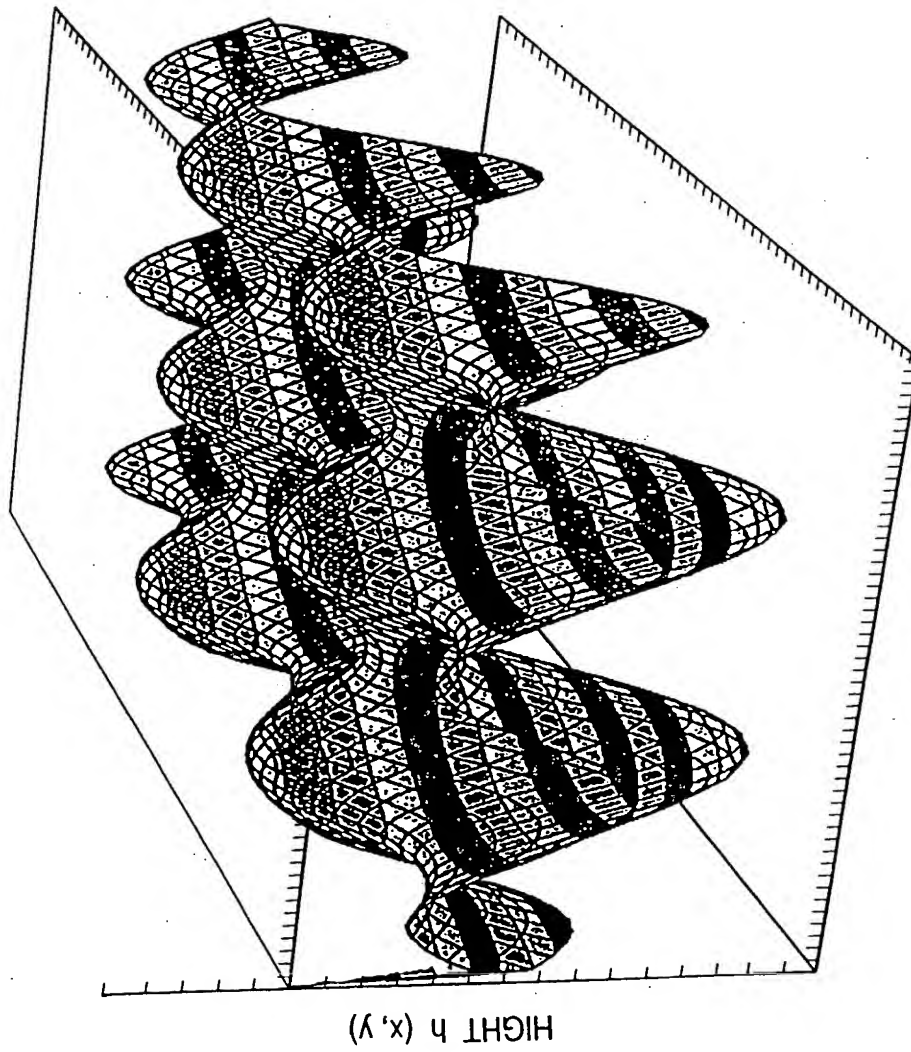


FIG. 8



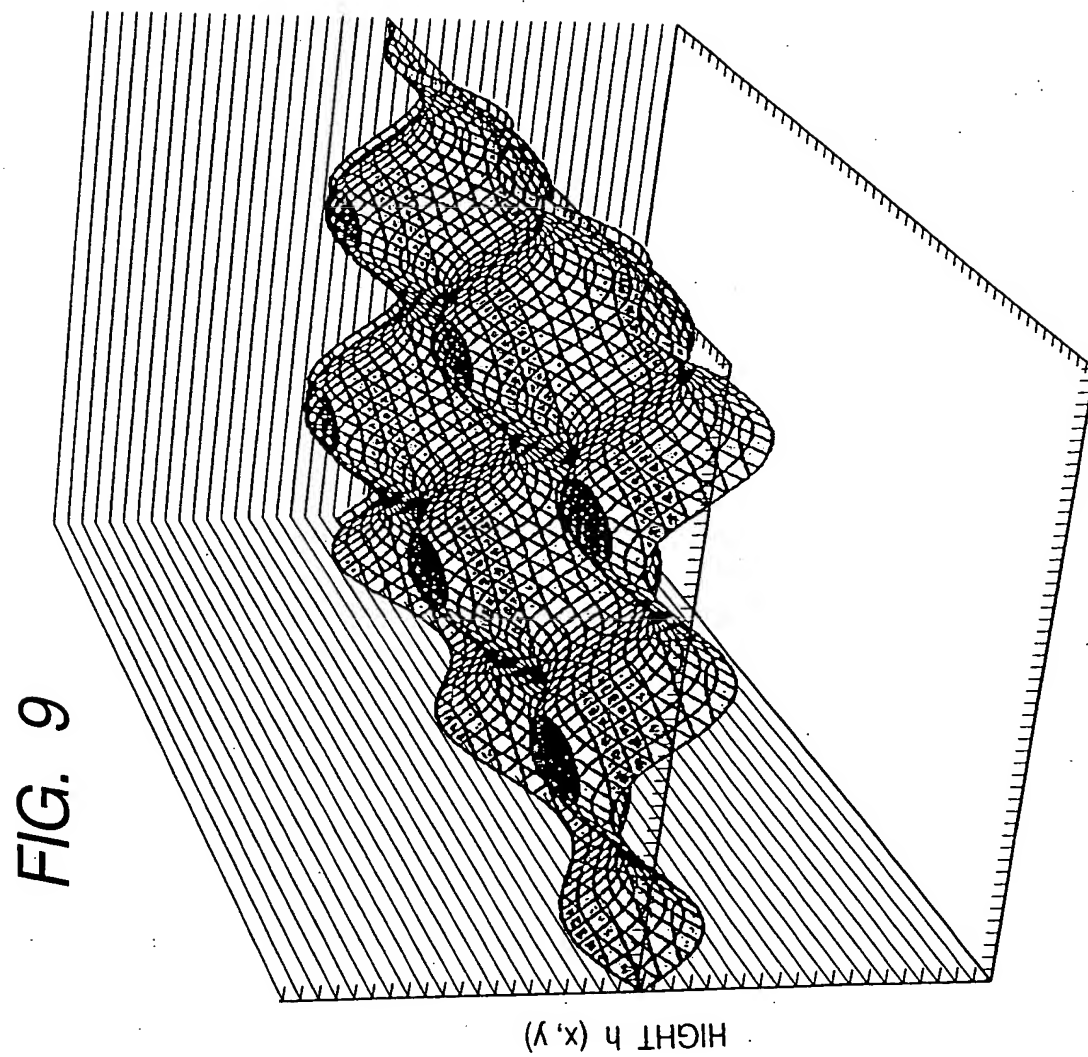


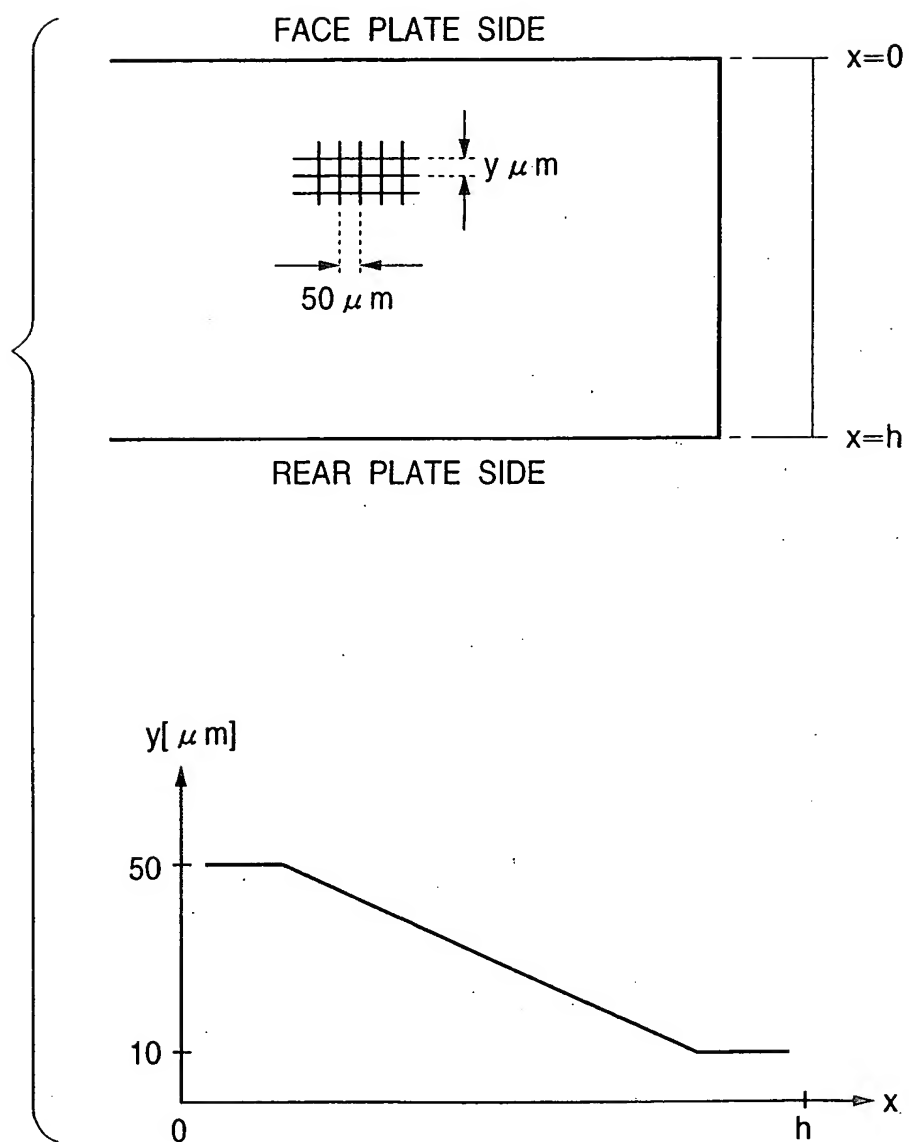
FIG. 10

FIG. 11

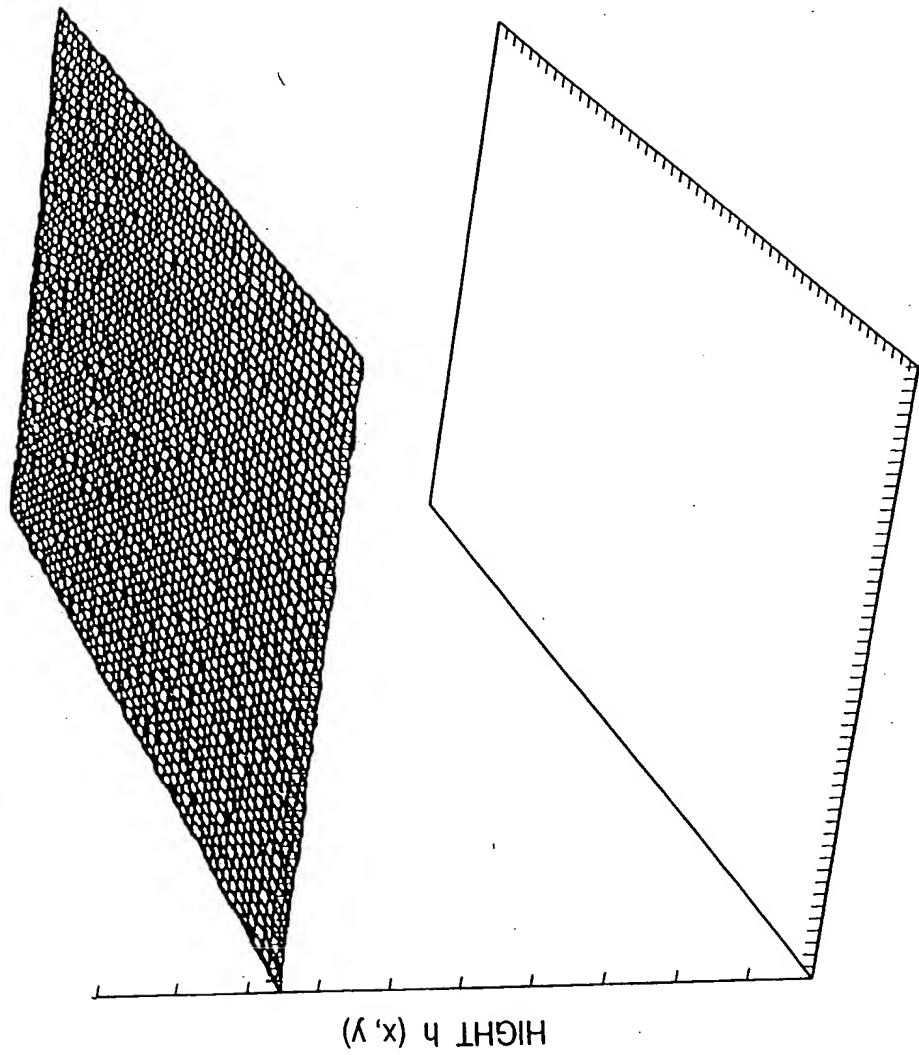


FIG. 12

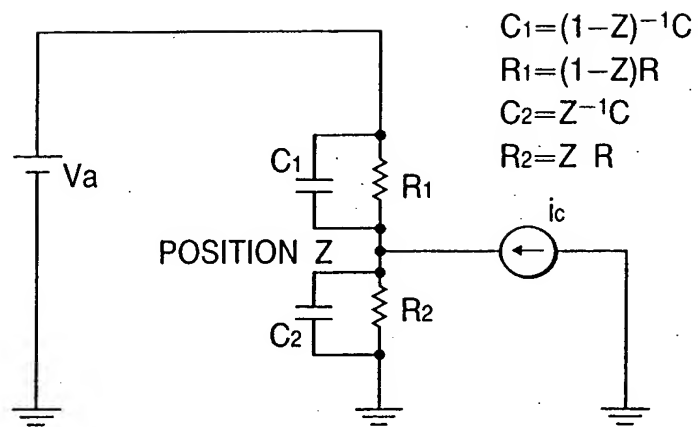


FIG. 13

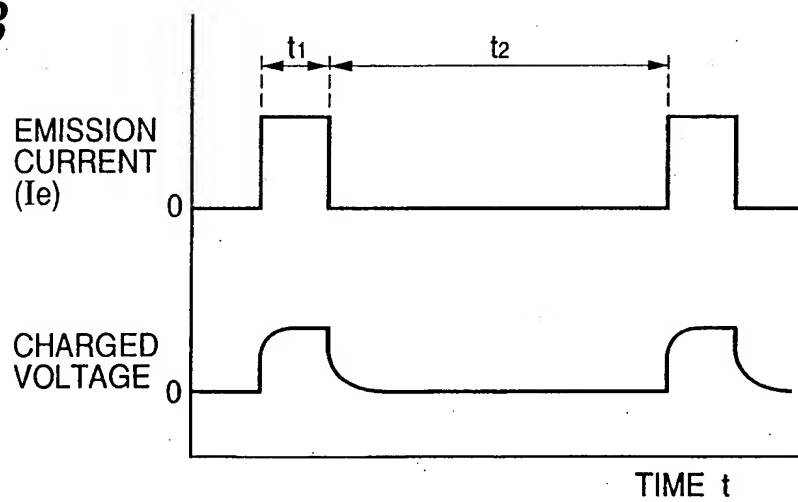


FIG. 14

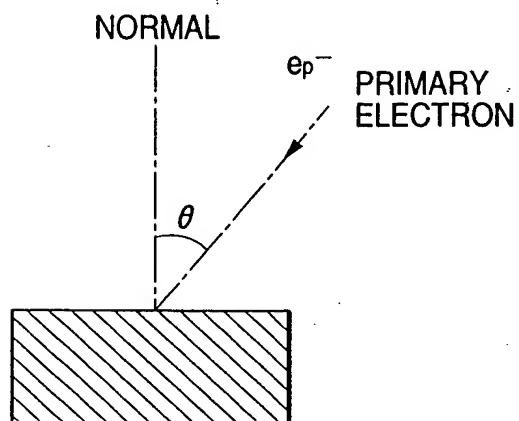


FIG. 15

INCIDENT ANGLE DEPENDENCY OF SECONDARY
ELECTRON EMISSION COEFFICIENT

$$\frac{\delta\theta}{\delta_0} = \frac{1 - \left\{ 1 - \frac{m_0 \cos \theta}{1 + (m_1)^{-1} \times (m_0 \cos \theta)^{m_2}} \right\} \exp(-m_0 \cos \theta)}{1 - \left\{ 1 - \frac{m_0}{1 + (m_1)^{-1} \times m_0^{m_2}} \right\} \exp(-m_0)} \times \frac{1}{\cos \theta}$$

$$m_1 = 0.68273, \quad m_2 = 0.86212$$

CALCULATION OF δ INCIDENT ANGLE
DEPENDENCY COEFFICIENT m_0 AND
INCIDENT ANGLE MULTIPLICATION EFFECT

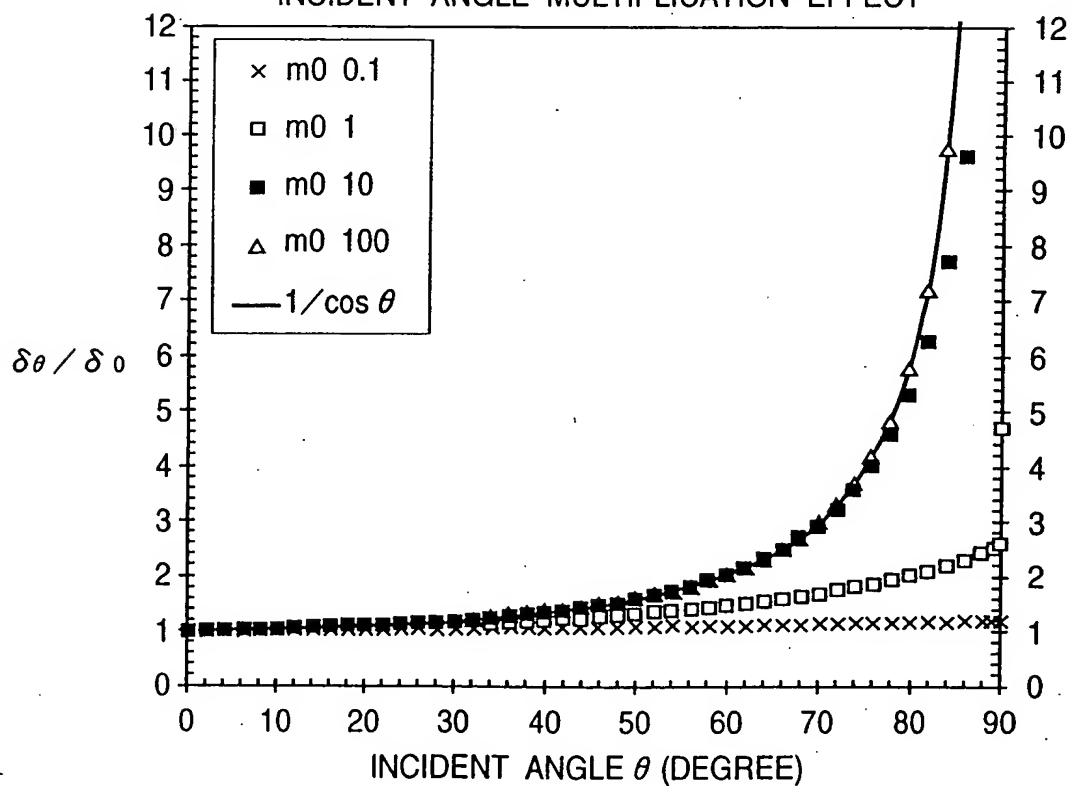


FIG. 16A

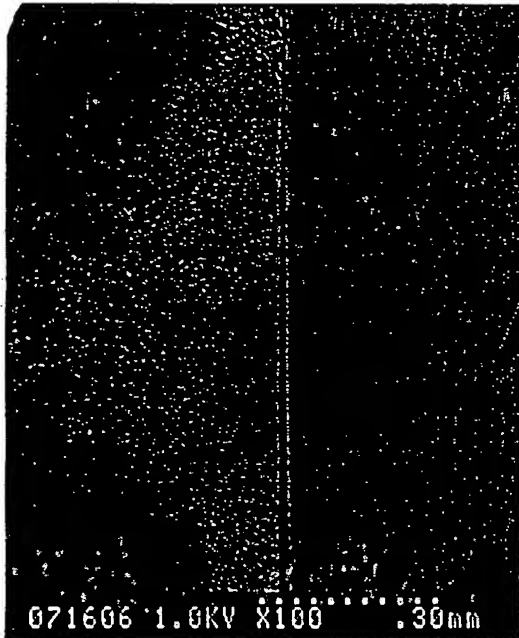


FIG. 16B

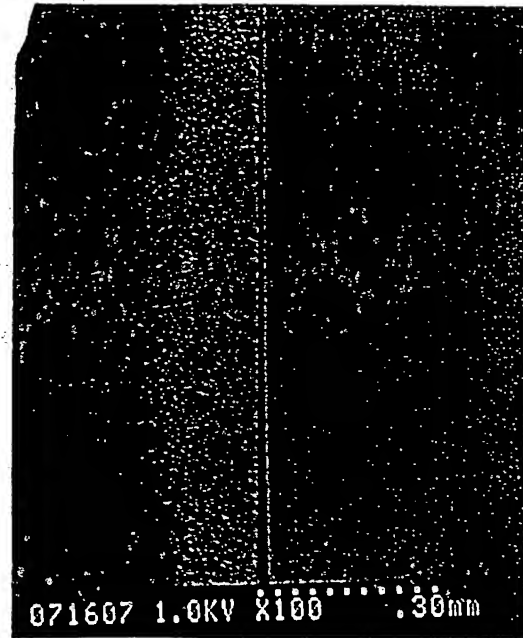


FIG. 16C

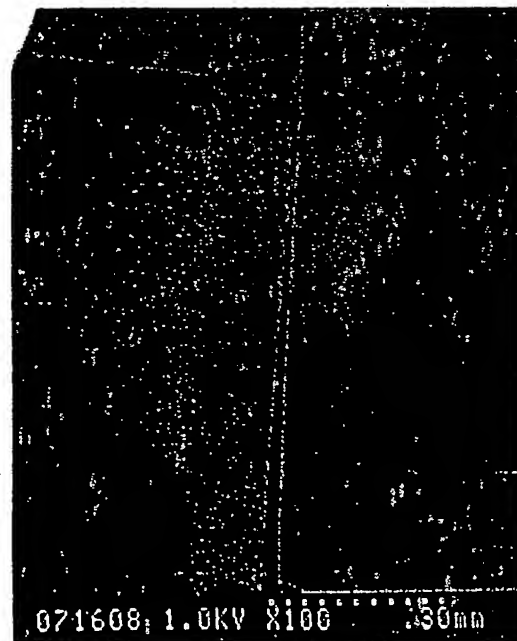


FIG. 18

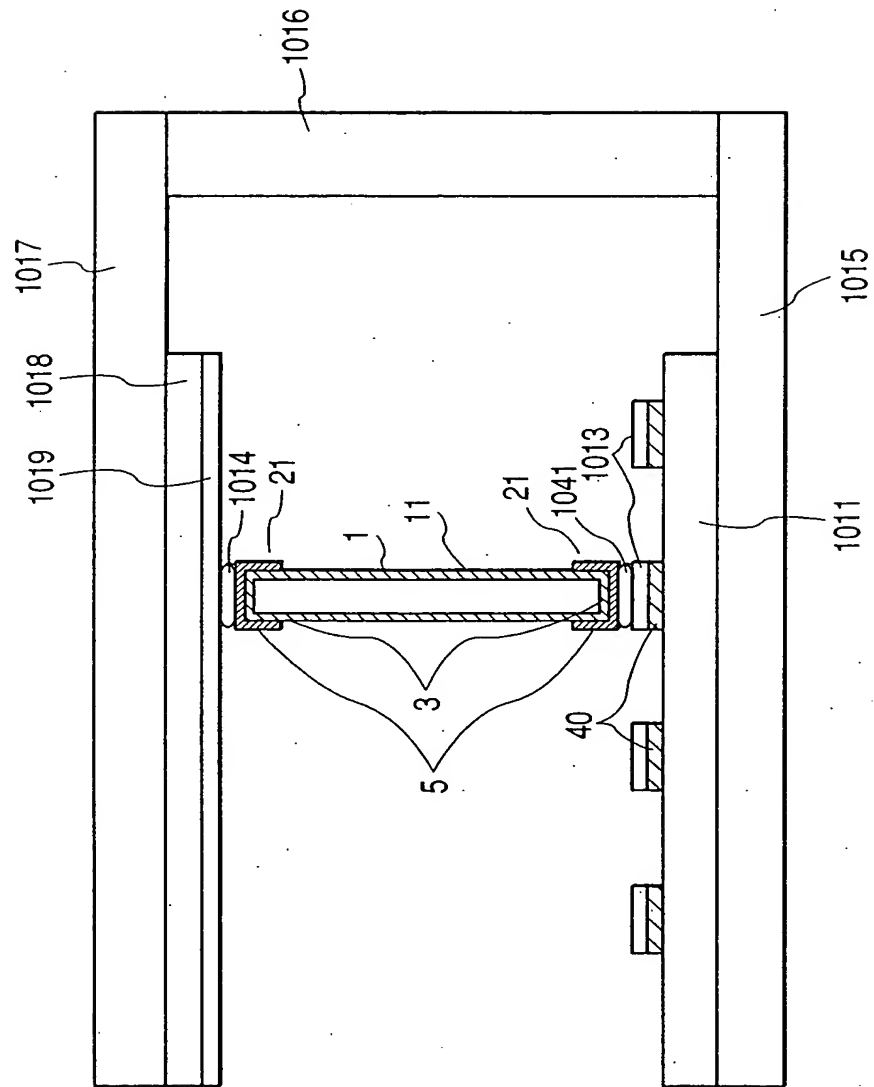


FIG. 19A

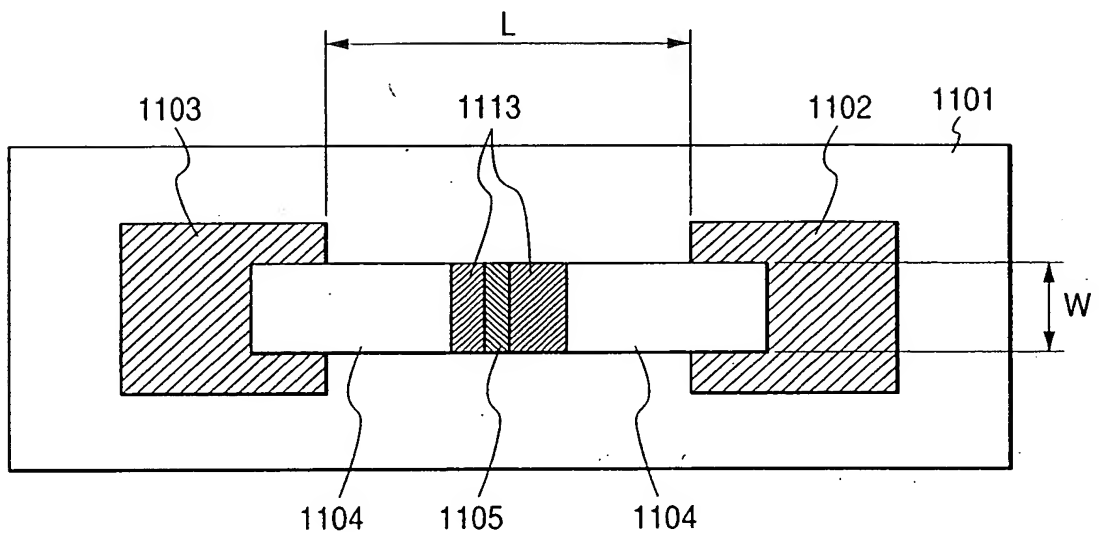


FIG. 19B

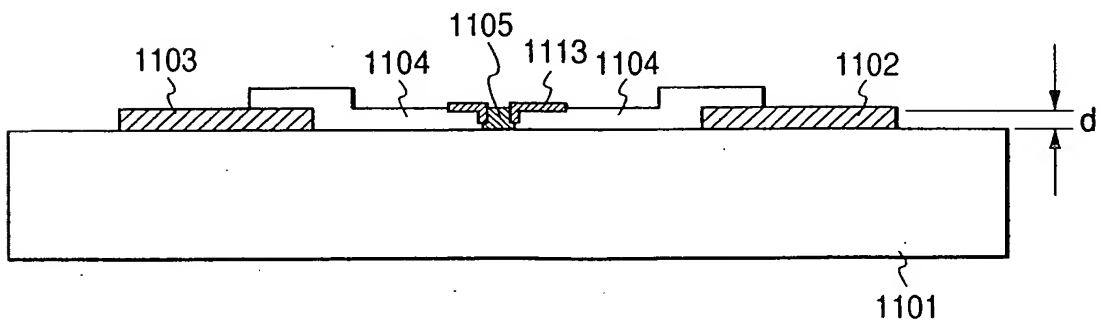


FIG. 20

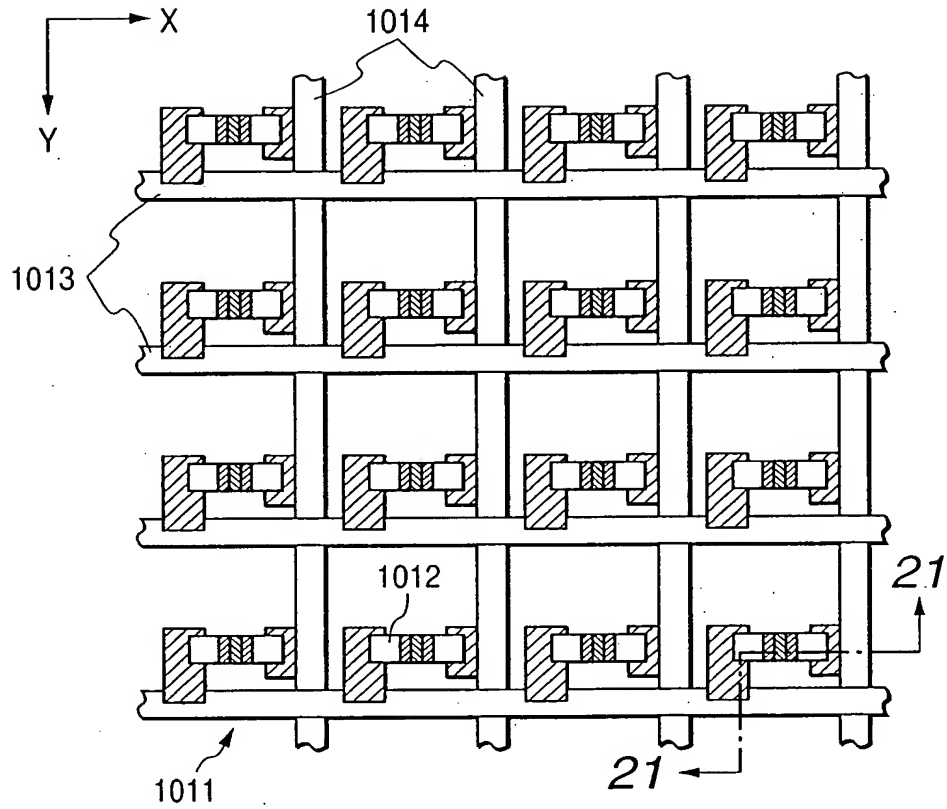


FIG. 21

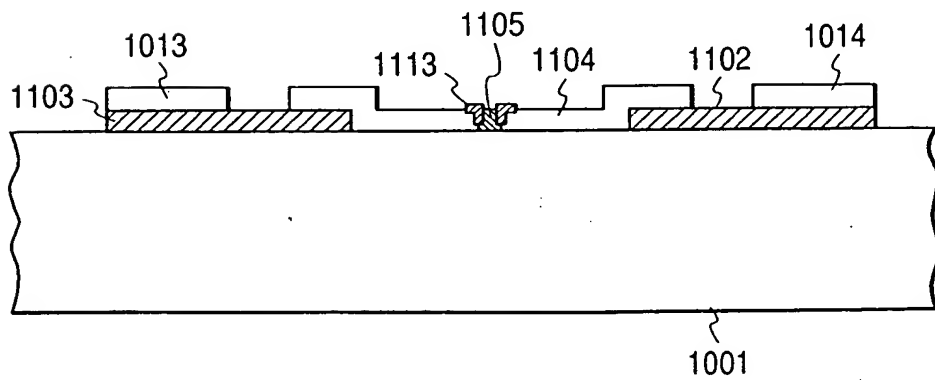


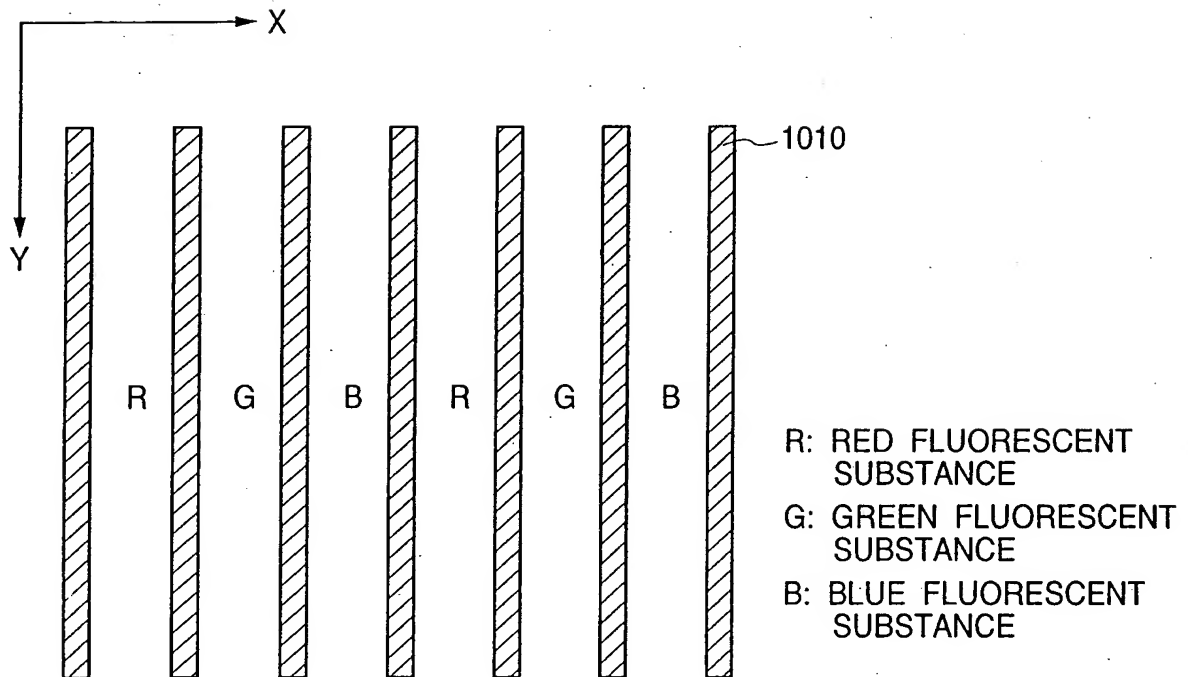
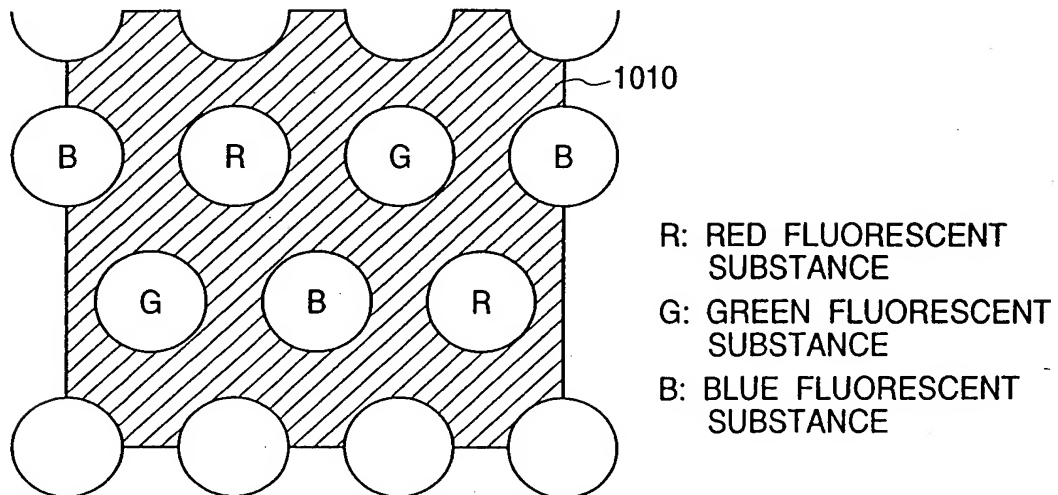
FIG. 22A*FIG. 22B*

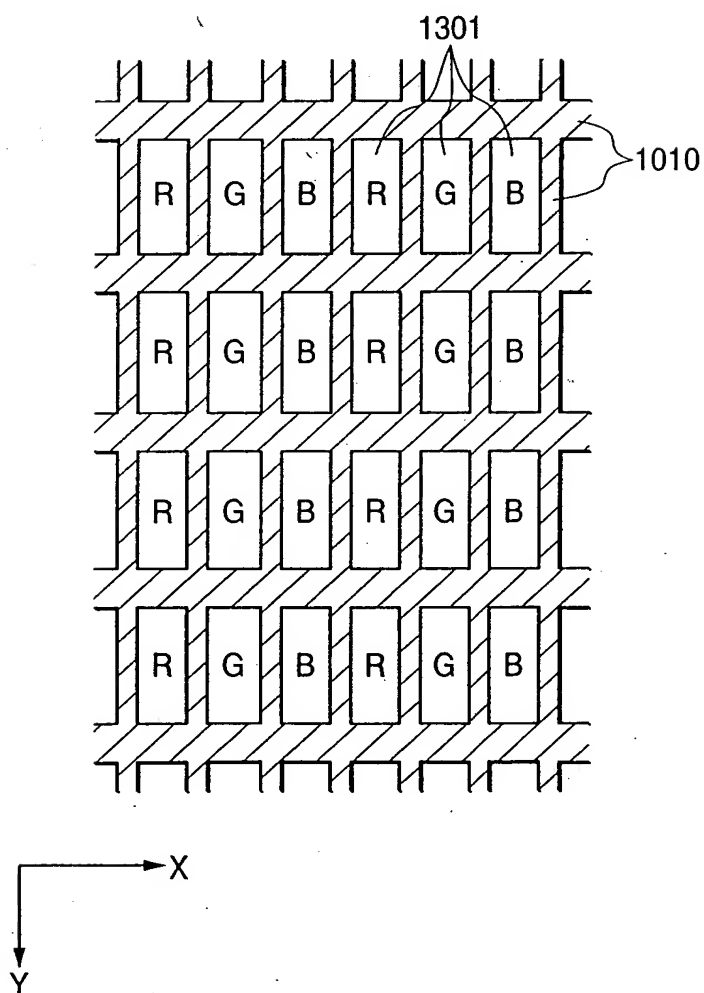
FIG. 23

FIG. 24A

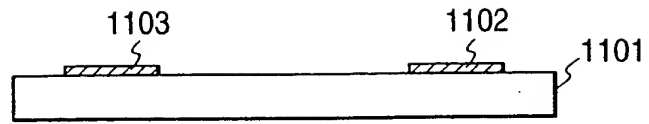


FIG. 24B

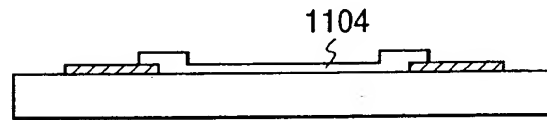


FIG. 24C

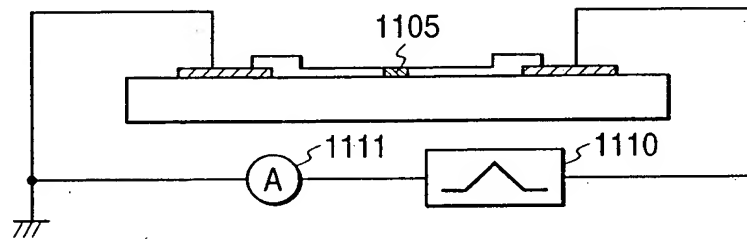


FIG. 24D

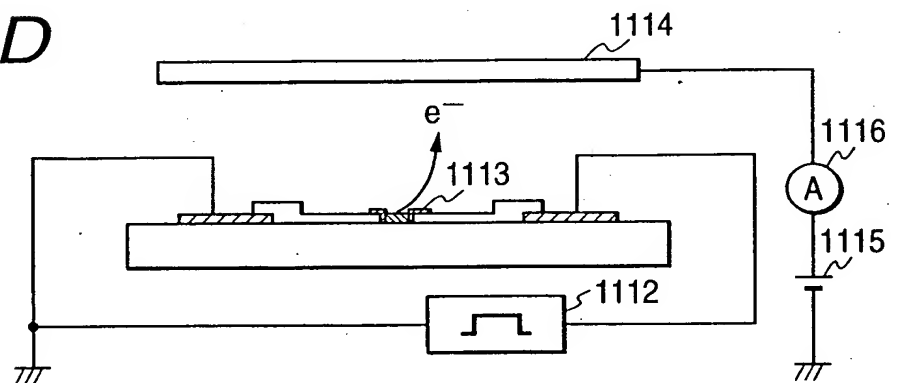
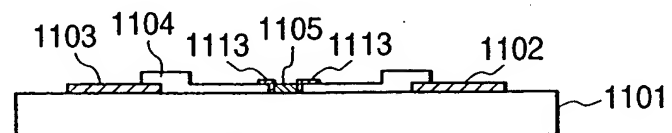


FIG. 24E



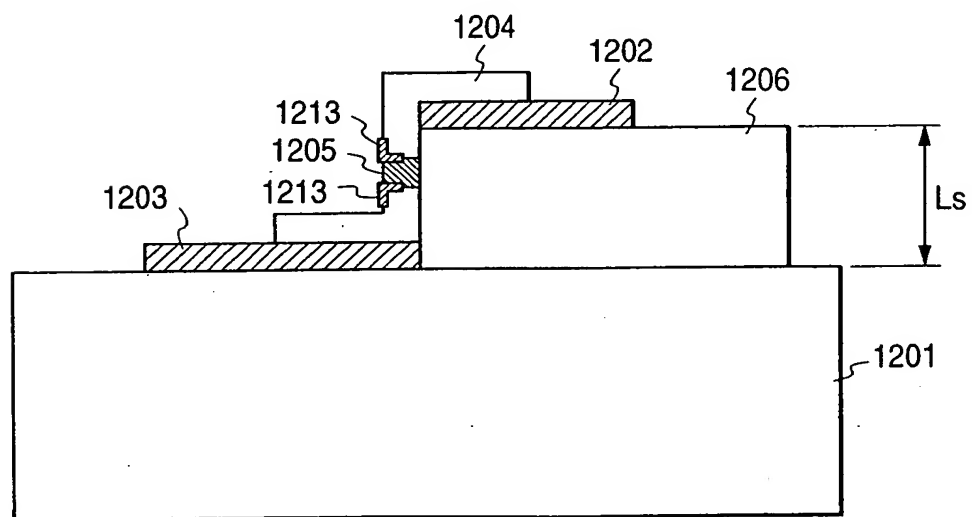


FIG. 26A

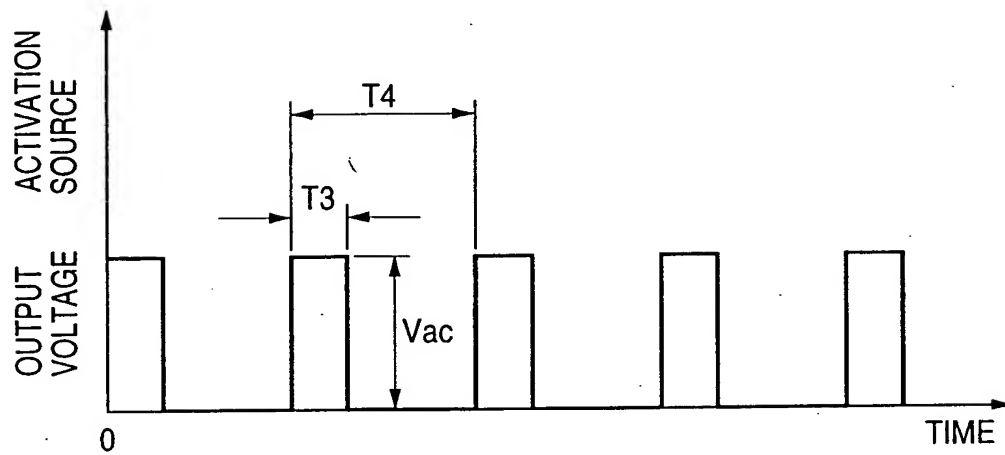


FIG. 26B

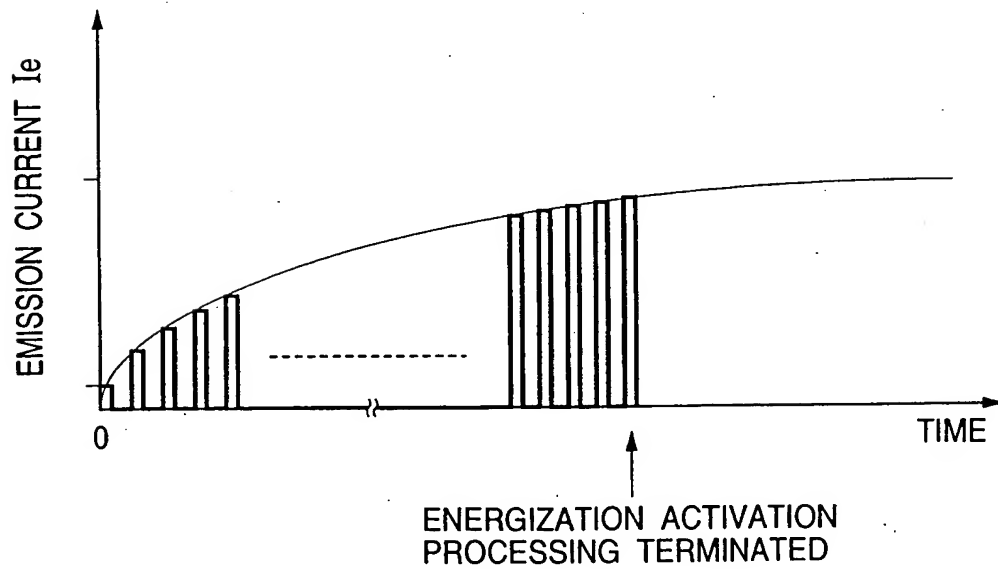


FIG. 28A

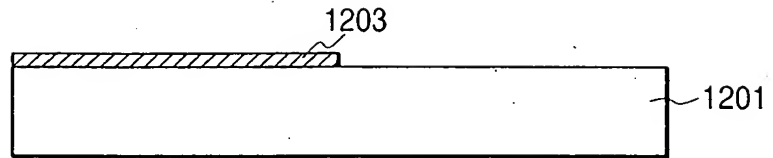


FIG. 28B

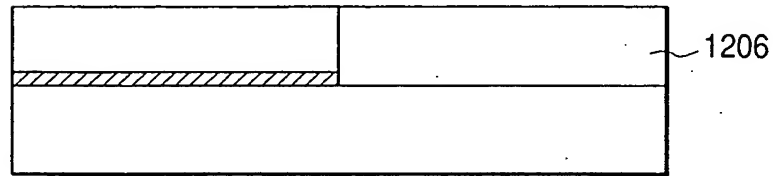


FIG. 28C

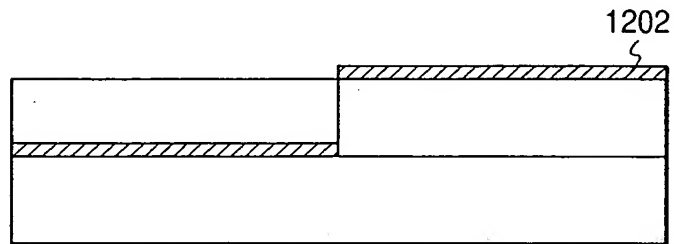


FIG. 28D

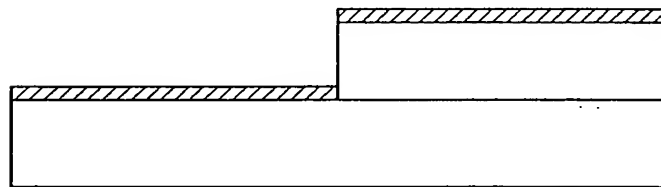


FIG. 28E

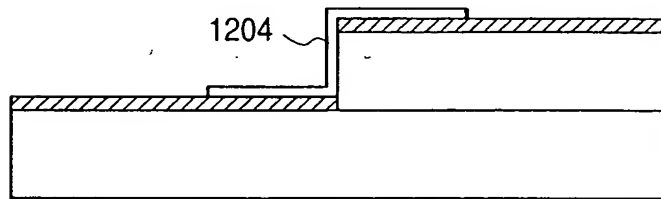


FIG. 28F

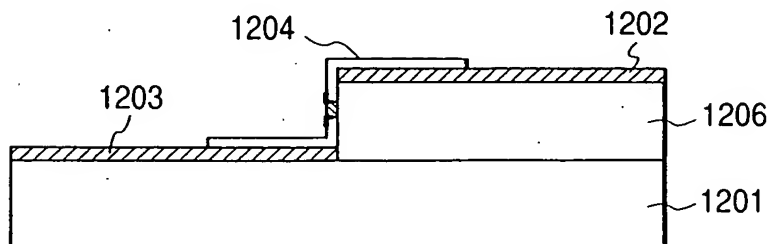


FIG. 29

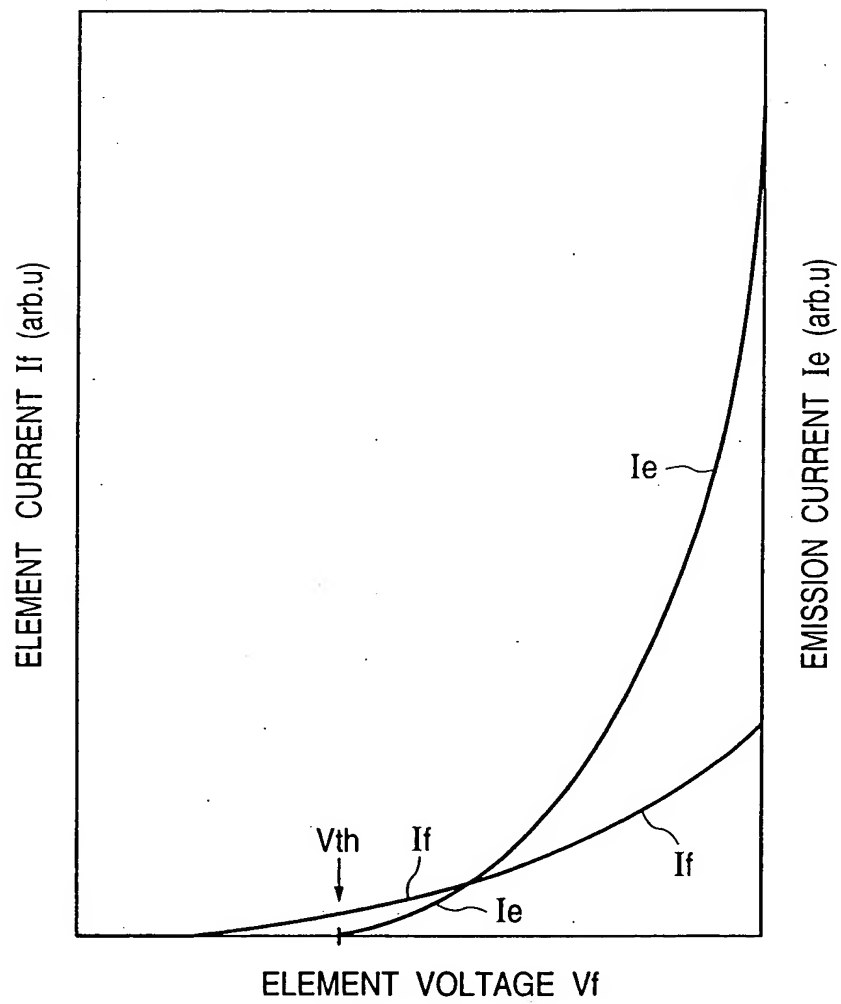


FIG. 30

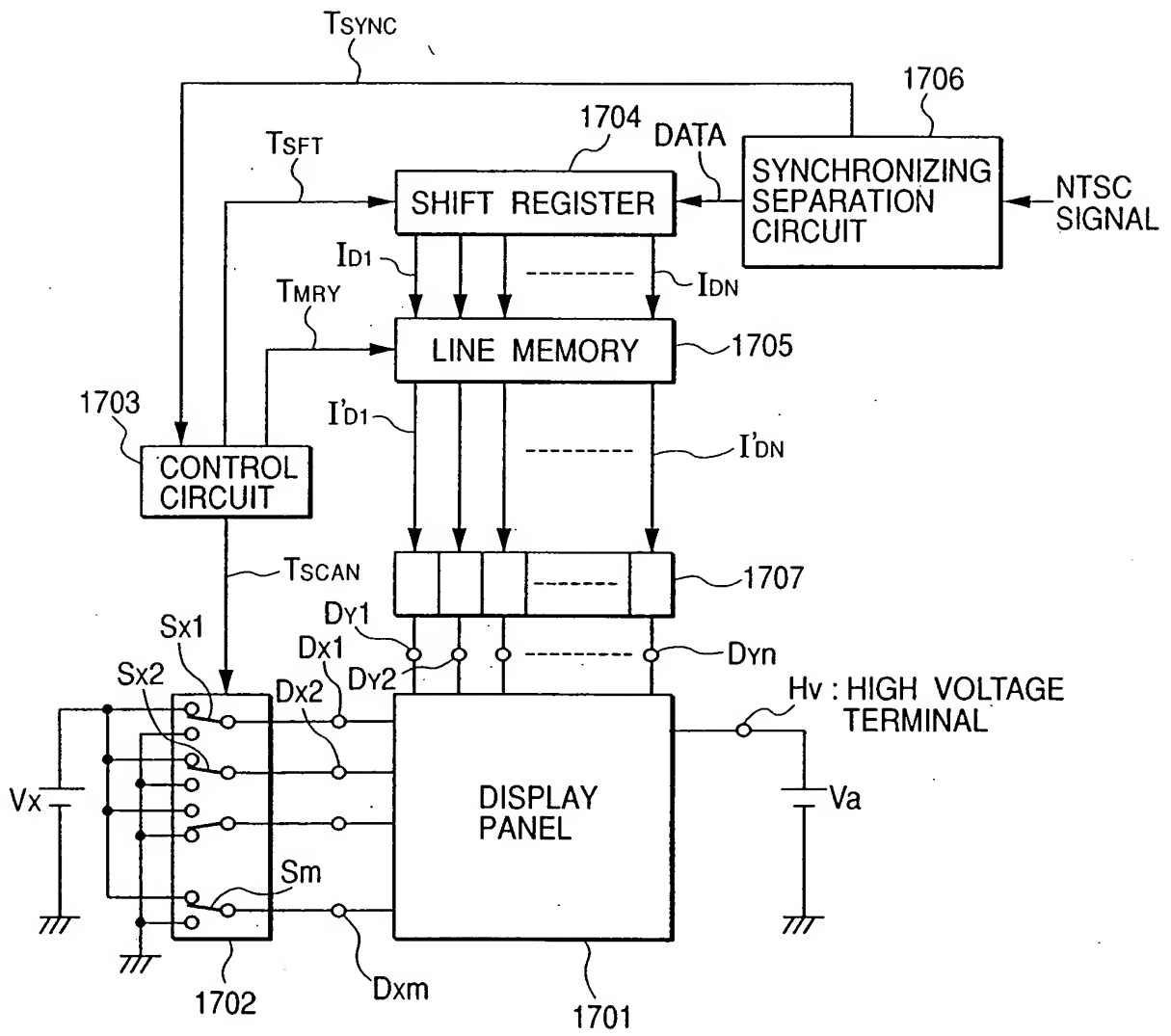


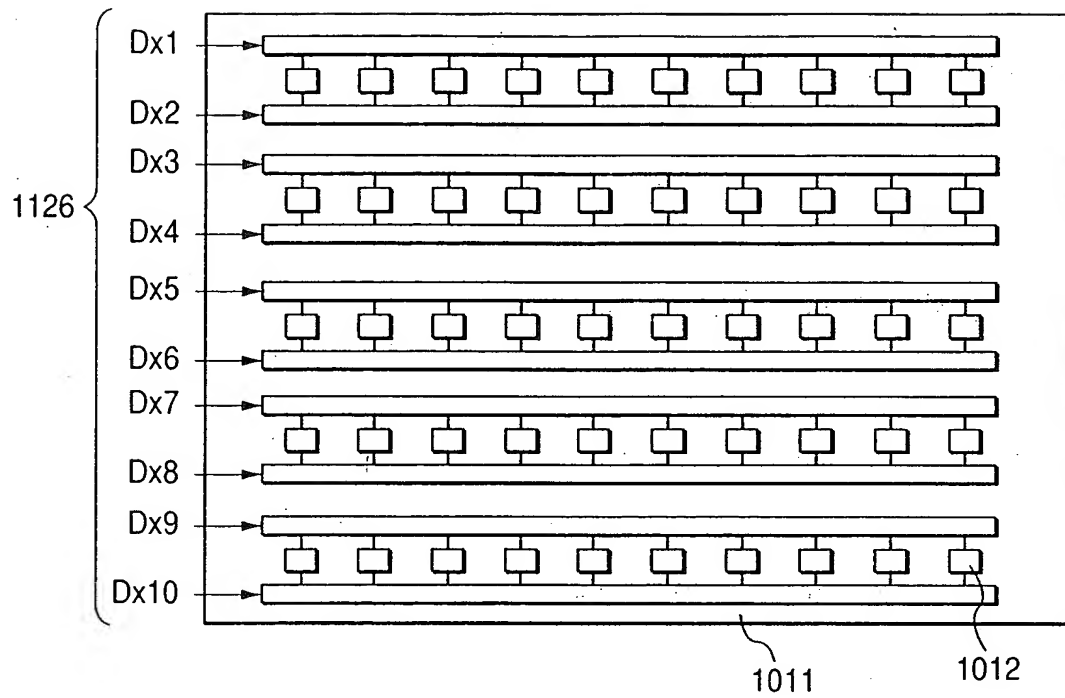
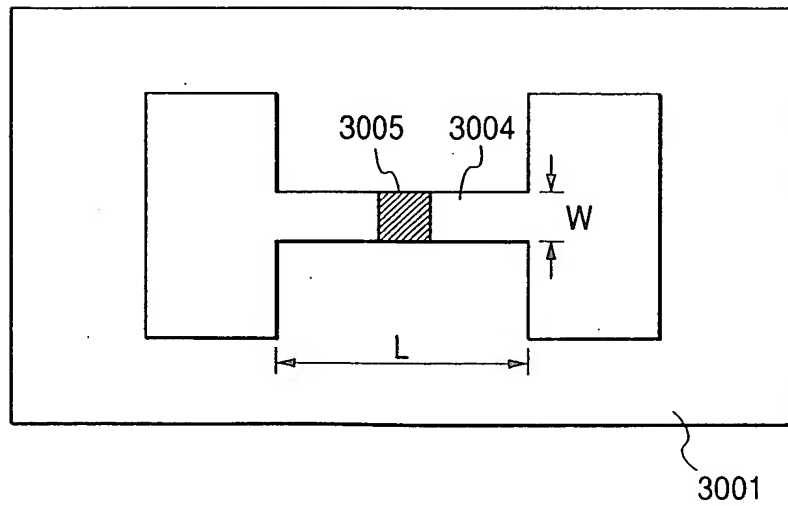
FIG. 31*FIG. 33*

FIG. 32

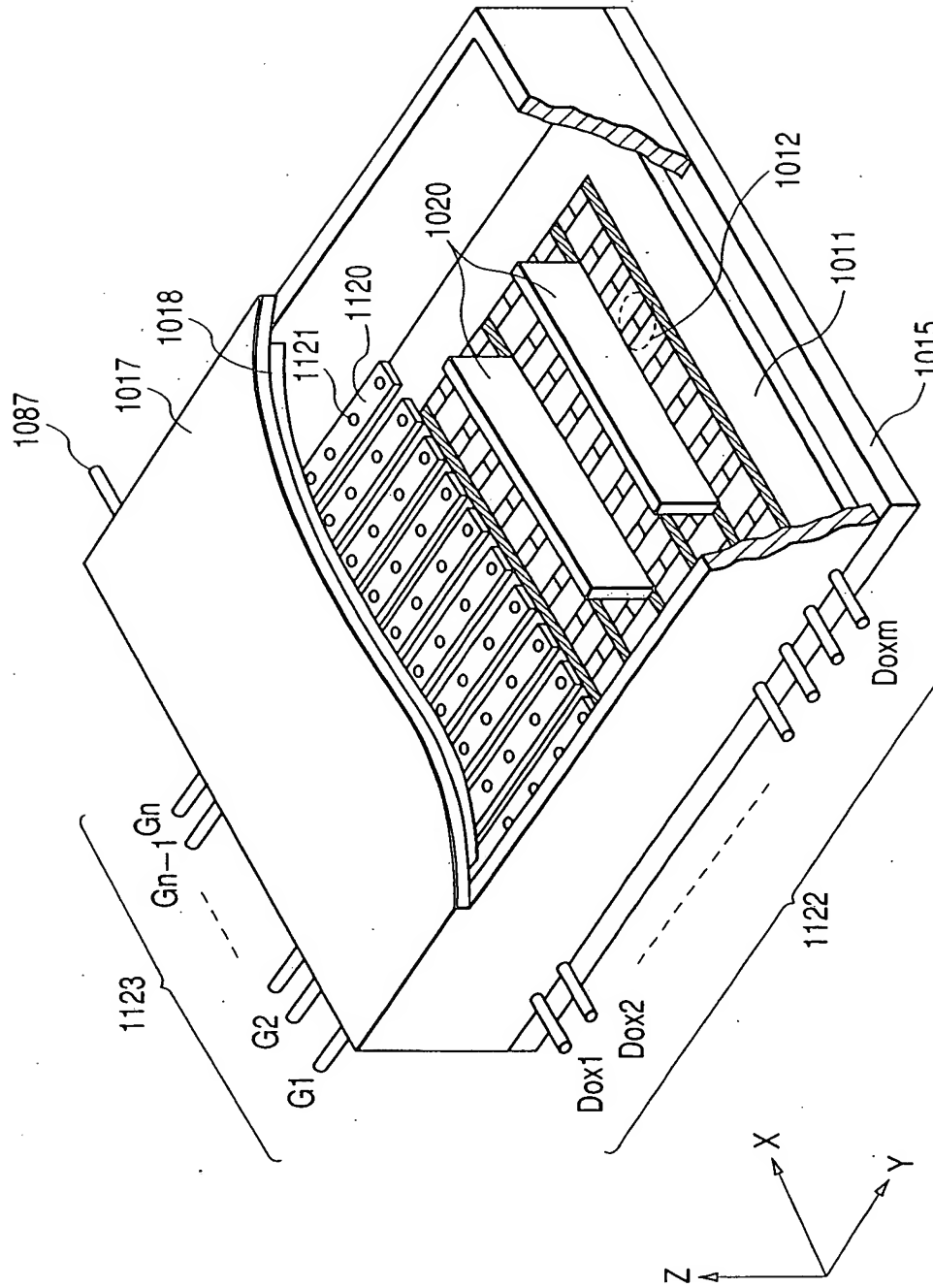


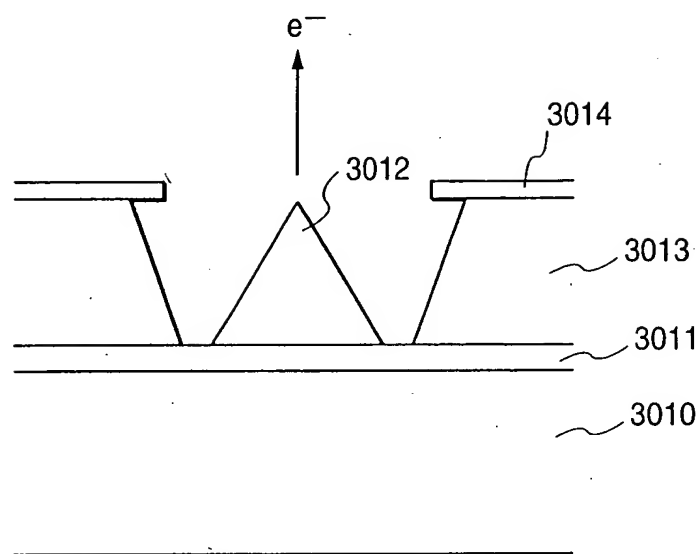
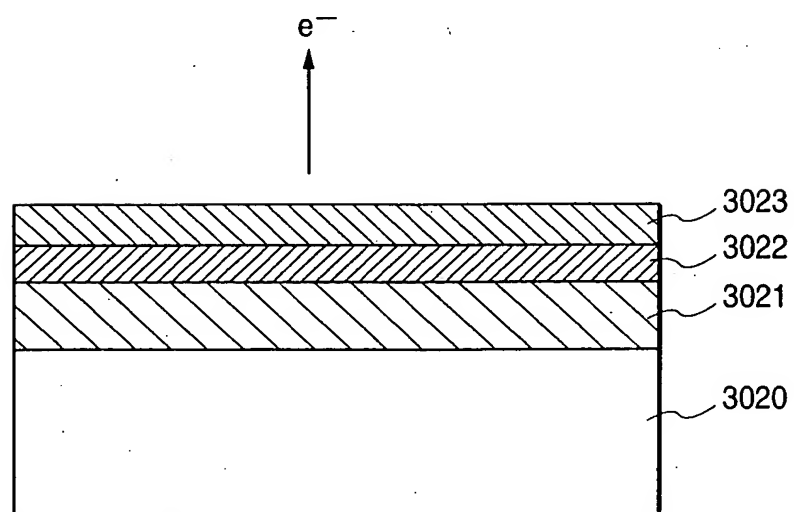
FIG. 34*FIG. 35*

FIG. 36

